



Sample:AL30505001-003
Harvest/Lot ID: 120701FS
Batch#: 079-006d
Seed to Sale# Excel
Sample Size Received: 8 gram
Total Amount: 1200 gram
Retail Product Size: 1 gram
Sampled: 05/04/23
Sampling Start: 01:00 PM
Sampling End: 01:00 PM

Certificate of Analysis

PASSED

May 19, 2023 | Nanticoke Hemp Inc.

1543 Union Center Maine Highway
Endicott, NY, 13760, US

Nanticoke

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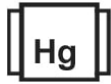
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filth
NOT TESTED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
TESTED

MISC.



Cannabinoid

PASSED



Total THC
74.3063%

Total THC/Container : 743.063 mg



Total CBD
0.6038%

Total CBD/Container : 6.038 mg



Total Cannabinoids
80.6611%

Total Cannabinoids/Container : 806.611 mg

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
%	<LOQ	<LOQ	1.464	<LOQ	0.6885	0.2591	2.4296	<LOQ	0.7899	<LOQ	73.0046	1.4843	0.5411
mg/g	<LOQ	<LOQ	14.64	<LOQ	6.885	2.591	24.296	<LOQ	7.899	<LOQ	730.046	14.843	5.411
LOQ	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	%	%	%	%	%	%	%	%	%	%	%	%	%

Weight:
0.1159g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY
Analyzed Date : 05/05/23 16:15:34

Erica Troy
Lab Director

NY Permit # OCM-CPL-2022-00006
ISO 17025 Accreditation # 97164



Signature
05/19/23



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Nanticoke Hemp Inc.

1543 Union Center Maine Highway
Endicott, NY, 13760, US
Telephone: 6074442283
Email: pete@nanticokegardens.com

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Terpenes				TESTED					
Terpenes	LOQ (%)	mg/g	%	Result (%)	Terpenes	LOQ (%)	mg/g	%	Result (%)
VALENCENE	0.04	<LOQ	<LOQ		CARYOPHYLLENE OXIDE	0.04	<LOQ	<LOQ	
ALPHA-PINENE	0.04	4	0.4		BORNEOL	0.04	<LOQ	<LOQ	
TRANS-NEROLIDOL	0.02	<LOQ	<LOQ		BETA-CARYOPHYLLENE	0.04	7	0.7	
CAMPHENE	0.04	<LOQ	<LOQ		ALPHA-HUMULENE	0.04	4	0.4	
SABINENE	0.04	<LOQ	<LOQ		ALPHA-CEDRENE	0.04	<LOQ	<LOQ	
BETA-PINENE	0.04	1	0.1		ALPHA-BISABOLOL	0.04	1	0.1	
BETA-MYRCENE	0.04	2	0.2		ALPHA TERPINEOL	0.04	<LOQ	<LOQ	
PULEGONE	0.04	<LOQ	<LOQ		Weight:				
ALPHA-PHELLANDRENE	0.04	<LOQ	<LOQ		0.5045g				
3-CARENE	0.04	<LOQ	<LOQ		Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY				
NEROL	0.04	<LOQ	<LOQ		Analyzed Date : 05/18/23 16:24:43				
ALPHA-TERPINENE	0.04	<LOQ	<LOQ						
LINALOOL	0.04	<LOQ	<LOQ						
LIMONENE	0.04	1	0.1						
EUCALYPTOL	0.04	<LOQ	<LOQ						
ISOBORNEOL	0.04	<LOQ	<LOQ						
OCIMENE	0.04	<LOQ	<LOQ						
GAMMA TERPINEOL	0.04	<LOQ	<LOQ						
HEXAHYDROTHYMOL	0.04	<LOQ	<LOQ						
SABINENE HYDRATE	0.04	<LOQ	<LOQ						
GUAIOL	0.04	<LOQ	<LOQ						
TERPINOLENE	0.04	<LOQ	<LOQ						
GERANYL ACETATE	0.04	<LOQ	<LOQ						
FENCHONE	0.04	<LOQ	<LOQ						
GERANIOL	0.04	<LOQ	<LOQ						
GAMMA-TERPINENE	0.04	<LOQ	<LOQ						
FENCHYL ALCOHOL	0.04	<LOQ	<LOQ						
ISOPULEGOL	0.04	<LOQ	<LOQ						
CAMPHOR	0.04	<LOQ	<LOQ						
CIS-NEROLIDOL	0.04	<LOQ	<LOQ						
CEDROL	0.04	<LOQ	<LOQ						
Total (%)			2						



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Pesticides

PASSED

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
PYRETHRINS, TOTAL	0.1	ppm	1	PASS	<LOQ	PACLOBUTRAZOL	0.1	ppm	0.4	PASS	<LOQ
AZADIRACTHIN	0.1	ppm	1	PASS	<LOQ	PERMETHRIN	0.1	ppm	0.2	PASS	<LOQ
INDOLE-3-BUTYRIC ACID	0.1	ppm	1	PASS	<LOQ	PHOSMET	0.1	ppm	0.2	PASS	<LOQ
MYCLOBUTANIL	0.1	ppm	0.2	PASS	<LOQ	PRALLETHRIN	0.1	ppm	0.2	PASS	<LOQ
PIPERONYL BUTOXIDE	0.1	ppm	2	PASS	<LOQ	PROPRICONAZOLE	0.1	ppm	0.4	PASS	<LOQ
ABAMECTIN B1A	0.1	ppm	0.5	PASS	<LOQ	PROPOXUR	0.1	ppm	0.2	PASS	<LOQ
ACEPHATE	0.1	ppm	0.4	PASS	<LOQ	PYRIDABEN	0.1	ppm	0.2	PASS	<LOQ
ACEQUINOXYL	0.1	ppm	2	PASS	<LOQ	SPINETORAM, TOTAL	0.1	ppm	1	PASS	<LOQ
ACETAMIPRID	0.1	ppm	0.2	PASS	<LOQ	SPINOSAD, TOTAL	0.1	ppm	0.2	PASS	<LOQ
ALDICARB	0.1	ppm	0.4	PASS	<LOQ	SPIROMESIFEN	0.1	ppm	0.2	PASS	<LOQ
AZOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ	SPIROTETRAMAT	0.1	ppm	0.2	PASS	<LOQ
CHLORMEQUAT CHLORIDE	0.1	ppm	1	PASS	<LOQ	SPIROXAMINE	0.1	ppm	0.2	PASS	<LOQ
BIFENAZATE	0.1	ppm	0.2	PASS	<LOQ	TEBUCONAZOLE	0.1	ppm	0.4	PASS	<LOQ
BIFENTHRIN	0.1	ppm	0.2	PASS	<LOQ	THIACLOPRID	0.1	ppm	0.2	PASS	<LOQ
CARBARYL	0.1	ppm	0.2	PASS	<LOQ	THIAMETHOXAM	0.1	ppm	0.2	PASS	<LOQ
COUMAPHOS	0.1	ppm	1	PASS	<LOQ	TRIFLOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ
CHLORPYRIFOS	0.1	ppm	0.2	PASS	<LOQ	CAPTAN *	0.1	ppm	1	PASS	<LOQ
DAMINOZIDE	0.1	ppm	1	PASS	<LOQ	CHLORDANE *	0.1	ppm	1	PASS	<LOQ
BOSCALID	0.1	ppm	0.4	PASS	<LOQ	CHLORFENAPYR *	0.1	ppm	1	PASS	<LOQ
CARBOFURAN	0.1	ppm	0.2	PASS	<LOQ	CYFLUTHRIN *	0.1	ppm	1	PASS	<LOQ
CHLORANTRANILIPROLE	0.1	ppm	0.2	PASS	<LOQ	CYPERMETHRIN *	0.1	ppm	1	PASS	<LOQ
CLOFENTEZINE	0.1	ppm	0.2	PASS	<LOQ	METHYL PARATHION *	0.1	ppm	0.2	PASS	<LOQ
DIAZINON	0.1	ppm	0.2	PASS	<LOQ	MGK-264 *	0.1	ppm	0.2	PASS	<LOQ
DICHLORVOS	0.1	ppm	1	PASS	<LOQ	PENTACHLORONITROBENZENE *	0.1	ppm	1	PASS	<LOQ
DIMETHOATE	0.1	ppm	0.2	PASS	<LOQ						
DIMETHOMORPH	0.1	ppm	1	PASS	<LOQ	Weight:					
ETHOPROPHOS	0.1	ppm	0.2	PASS	<LOQ	0.5019g					
ETOFENPROX	0.1	ppm	0.4	PASS	<LOQ	Analysis Method :SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY					
ETOXAZOLE	0.1	ppm	0.2	PASS	<LOQ	Analyzed Date :05/17/23 08:49:39					
FENHEXAMID	0.1	ppm	1	PASS	<LOQ						
FENOXICARB	0.1	ppm	0.2	PASS	<LOQ	Weight:					
FENPYROXIMATE	0.1	ppm	0.4	PASS	<LOQ	0.5019g					
FIPRONIL	0.1	ppm	0.4	PASS	<LOQ	Analysis Method :SOP.T.40.154.NY					
FLONICAMID	0.1	ppm	1	PASS	<LOQ	Analyzed Date :N/A					
FLUDIOXONIL	0.1	ppm	0.4	PASS	<LOQ						
HEXYTHIAZOX	0.1	ppm	1	PASS	<LOQ						
IMAZALIL	0.1	ppm	0.2	PASS	<LOQ						
IMIDACLOPRID	0.1	ppm	0.4	PASS	<LOQ						
KRESOXIM METHYL	0.1	ppm	0.4	PASS	<LOQ						
MALATHION	0.1	ppm	0.2	PASS	<LOQ						
METALAXYL	0.1	ppm	0.2	PASS	<LOQ						
METHIACARB	0.1	ppm	0.2	PASS	<LOQ						
METHOMYL	0.1	ppm	0.4	PASS	<LOQ						
MEVINPHOS	0.1	ppm	1	PASS	<LOQ						
NALED	0.1	ppm	0.5	PASS	<LOQ						
OXAMYL	0.1	ppm	1	PASS	<LOQ						

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Erica Troy
Lab Director

NY Permit # OCM-CPL-2022-00006
ISO 17025 Accreditation # 97164

Signature
05/19/23



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	Residual Solvents				PASSED	
Solvents	LOQ	Units	Action Level	Pass/Fail	Result	
HEXANE, TOTAL	208.4	ppm	290	PASS	<LOQ	
PENTANES, TOTAL	2700	ppm	5000	PASS	<LOQ	
BUTANES, TOTAL	1800	ppm	5000	PASS	<LOQ	
XYLENES, TOTAL	1171.8	ppm	2170	PASS	<LOQ	
PROPANE	900	ppm	5000	PASS	<LOQ	
METHANOL	540	ppm	3000	PASS	<LOQ	
ETHANOL	900	ppm	5000	PASS	<LOQ	
ETHYL ETHER	900	ppm	5000	PASS	<LOQ	
ACETONE	180	ppm	5000	PASS	<LOQ	
2-PROPANOL	900	ppm	5000	PASS	<LOQ	
ACETONITRILE	73.8	ppm	410	PASS	<LOQ	
DICHLOROMETHANE	108	ppm	600	PASS	<LOQ	
ETHYL ACETATE	900	ppm	5000	PASS	<LOQ	
BENZENE	0.45	ppm	2	PASS	<LOQ	
N-HEPTANE	900	ppm	5000	PASS	<LOQ	
TOLUENE	160.2	ppm	890	PASS	<LOQ	
CHLOROFORM	10.8	ppm	60	PASS	<LOQ	

Weight: 0.0231g

Analysis Method : SOP.T.40.044.NY
 Analyzed Date : 05/08/23 17:59:24



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
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 Microbial PASSED						 Mycotoxins PASSED					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AEROBIC BACTERIA	10	CFU/g	<100	PASS	10000	AFLATOXIN G2	0.0025	ppm	<LOQ	PASS	0.02
TOTAL YEAST AND MOLD	10	CFU/g	<100	PASS	1000	AFLATOXIN G1	0.0025	ppm	<LOQ	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN B2	0.0025	ppm	<LOQ	PASS	0.02
SALMONELLA SPECIES			Not Present	PASS		AFLATOXIN B1	0.0025	ppm	<LOQ	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		OCHRATOXIN A+	0.01	ppm	<LOQ	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	0.0025	ppm	<LOQ	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS							
ASPERGILLUS FUMIGATUS			Not Present	PASS							
Weight: 0.9973g						Weight: 0.5019g					
Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY						Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY					
Analyzed Date : N/A						Analyzed Date : N/A					

 Heavy Metals PASSED					
Metal	LOQ	Units	Result	Pass / Fail	Action Level
ANTIMONY	1	ug/g	<LOQ	PASS	2
ARSENIC	1	ug/g	<LOQ	PASS	0.2
CADMIUM	1	ug/g	<LOQ	PASS	0.3
CHROMIUM	10	ug/g	<LOQ	PASS	110
COPPER	10	ug/g	<LOQ	PASS	30
LEAD	1	ug/g	<LOQ	PASS	0.5
MERCURY	0.1	ug/g	<LOQ	PASS	0.1
NICKEL	1	ug/g	<LOQ	PASS	2
Weight: 0.5006g					
Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY					
Analyzed Date : 05/08/23 14:50:17					